

Abstract

[0021] An apparatus to use a refrigerator in a mobile computing device is described. In one embodiment, the refrigerator includes a cold reservoir to absorb heat generated by a heat generating unit of the mobile device. A heat exchanger is used to dissipate heat of a hot reservoir of the refrigerator. In an alternative embodiment, the apparatus includes a working fluid loop, with a fluid of the loop to be in thermal contact with the heat generating device, and the cold reservoir of the refrigerator to absorb heat from the fluid.